

OPINION 1587

Orbitolina d'Orbigny, 1850 (Foraminiferida): *Orbulites concava* Lamarck, 1816 confirmed as the type species

Ruling

(1) Under the plenary powers all designations of type species for the nominal genus *Orbitolina* d'Orbigny, 1850 prior to that of *Orbulites concava* Lamarck, 1816 by Davies (1939) are hereby set aside.

(2) The following names are hereby placed on the Official List of Generic Names in Zoology:

(a) *Orbitolina* d'Orbigny, 1850 (gender: feminine), type species by designation by Davies (1939) *Orbulites concava* Lamarck, 1816 as confirmed under the plenary powers in (1) above;

(b) *Palorbitolina* Schroeder, 1963 (gender: feminine), type species by monotypy *Madreporites lenticularis* Blumenbach, 1805.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

(a) *concava* Lamarck, 1816, as published in the binomen *Orbulites concava* (specific name of the type species of *Orbitolina* d'Orbigny, 1850);

(b) *lenticularis* Blumenbach, 1805, as published in the binomen *Madreporites lenticularis* (specific name of the type species of *Palorbitolina* Schroeder, 1963).

History of Case 2663

An application for the confirmation of *Orbulites concava* Lamarck, 1816 as the type species of *Orbitolina* d'Orbigny, 1850 was received from Prof R. Schroeder (*Universität Frankfurt, Frankfurt a. M., Fed. Rep. Germany*) & Mr M. Simmons (*BP Research Centre, Sunbury-on-Thames, U.K.*) on 4 May 1988. After correspondence the case was published in BZN 45: 254–257 (December 1988). Notice of the case was sent to appropriate journals. No comments were received. With reference to para. 3 (p. 254) of the application, it might be clearer to say that the expressions 'specific type' and 'type' of Parker & Jones (1860, p. 35) mean simply 'species', rather than 'typical form of a species'; as stated in the application Parker & Jones did not designate a type species for *Orbitolina*.

Decision of the Commission

On 1 December 1989 the members of the Commission were invited to vote on the proposals published in BZN 45: 256. At the close of the voting period on 1 March 1990 the votes were as follows:

Affirmative votes — 26: Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Heppell, Holthuis, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Mroczkowski, Nielsen, Nye, Ride, Savage, Schuster, Thompson, Trjapitzin, Uéno, Willink

Negative votes — none.

No votes were received from Bayer and Starobogatov.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

concava, *Orbulites*, Lamarck, 1816, *Histoire naturelle des animaux sans vertèbres*, vol. 2, p. 197.
lenticularis, *Madreporites*, Blumenbach, 1805, *Abbildungen naturhistorischer Gegenstände*, Heft 8, no. 80.

Orbitolina d'Orbigny, 1850, *Prodrome de Paléontologie stratigraphique universelle des animaux mollusques & rayonnés faisant suite au cours élémentaire de Paléontologie et de Géologie stratigraphiques*, vol. 2, p. 143.

Palorbitolina Schroeder, 1963, *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, 117: 348.